

ABSTRACT

An apparatus for capacitively determining a position of a counter wheel (1) in a wheel counter mechanism has fixed electrodes (3, 3') at a distance from the counter wheel (1). Extending over the circumference of the counter wheel (1) are a sequence of measurement electrodes (12, 12', 12''), and electrically nonconductive sections (13, 13') arranged between said measurement electrodes. This means that it is possible to detect either a high or a low capacitance value, that is to say a binary value of either 0 or 1, for each position of the counter wheel and for each fixed electrode. According to the number of fixed electrodes for each counter wheel, these binary values can be combined to form a binary representation of any desired number characterizing the current position of the counter wheel (1).

(Figure 2)